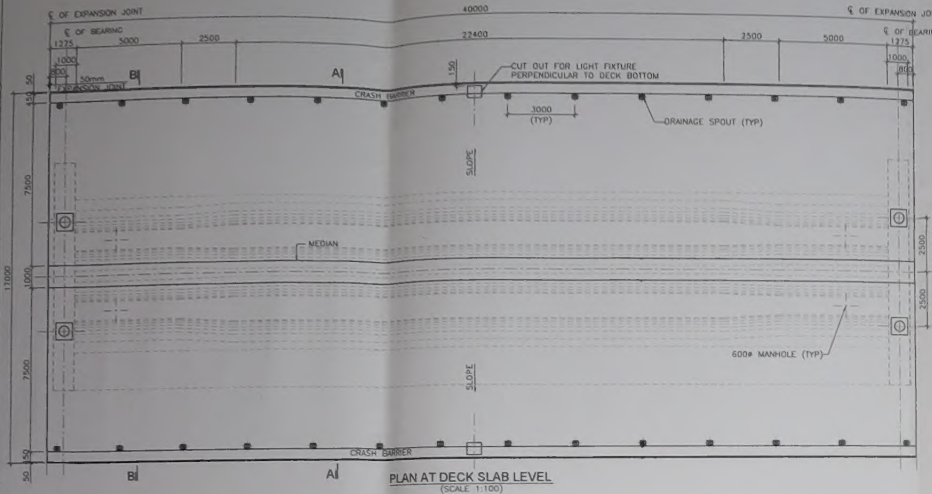
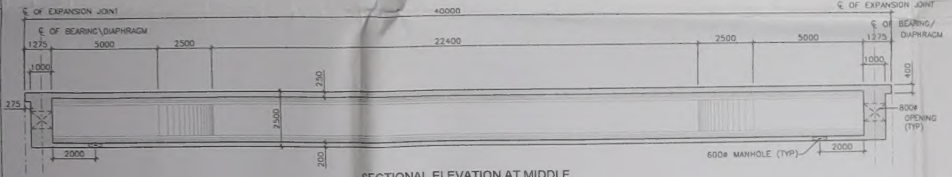
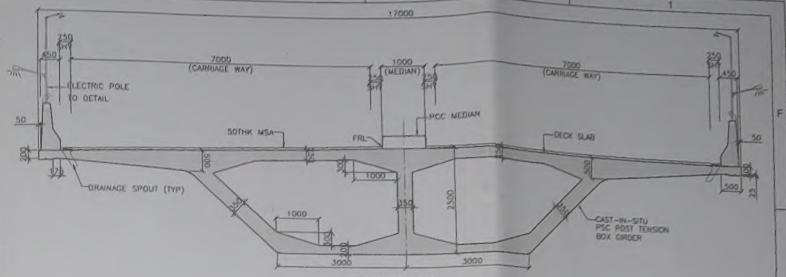


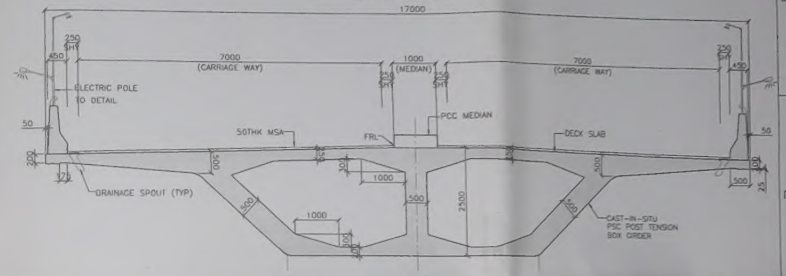
PLAN AT DECK SLAB LEVEL
(SCALE 1:100)



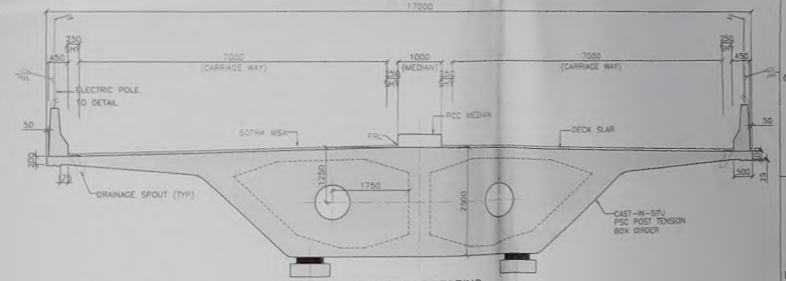
SECTIONAL ELEVATION AT MIDDLE
(SCALE 1:100)



SECTION A-A
(SCALE 1:50)
(AREA = 10.00 Sqmt)



SECTION B-B
(SCALE 1:50)
(AREA = 11.00 Sqmt)



SECTION AT BEARING
(SCALE 1:50)
(AREA = 22.00 Sqmt)

Assistant Executive Engineer
Project Central - 2 & Sub-Urban
Bruhath Bangaluru Mahanagara Palike
Bangaloro - 560 002

Executive Engineer
Project Central - 4
Bruhath Bengaluru Mahanagara Palike

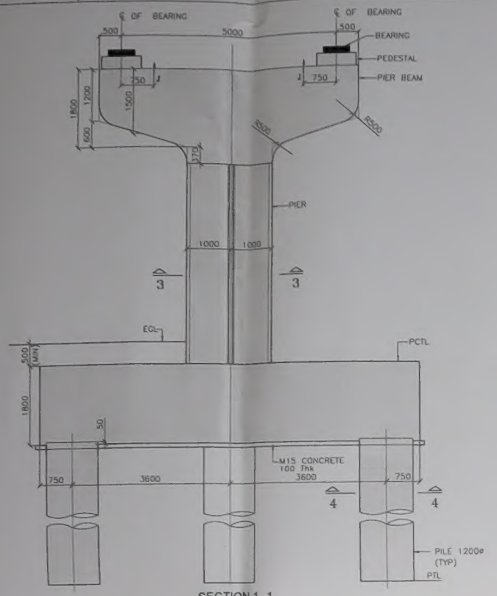
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ಪೂರ್ವ)
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಮುಖ್ಯ ಅಭಿಯಂತರರು
(ಯೋಜನೆ-ಕೇಂದ್ರ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

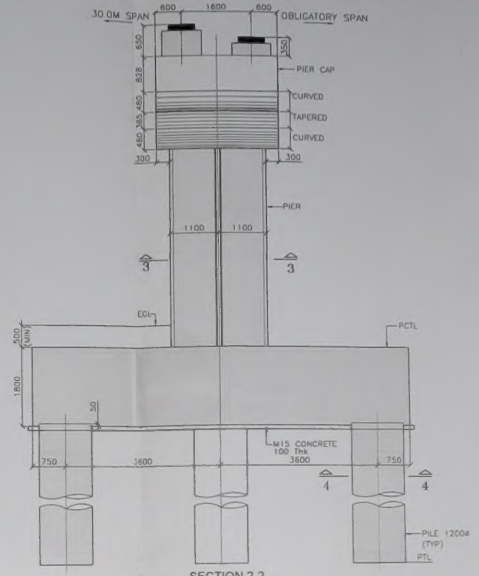
NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE
2. FOLLOW WRITTEN DIMENSIONS ONLY
3. GRADE OF CONCRETE – M50

PROJECT: CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE	CLIENT: BRUHAT BANGALORE MAHANAGARA PALIKE	CONSULTANT: NAGESH CONSULTANTS # 2, 6 TH CROSS, ASHOKNAGAR, BSK I STAGE, BANGALORE - 560 050	TITLE: 40M SUPER STRUCTURE CONCRETE DIMENSIONS DRG NO: NC/BBMP/SJ/TYP-04

REV.	DATE	DESCRIPTION
DATE: 28.08.2020		SCALE: AS MENTIONED
DRAWN BY : SJM		DESIGNED BY : ANUSH
CHECKED BY : HSM		APPROVED BY : BVN

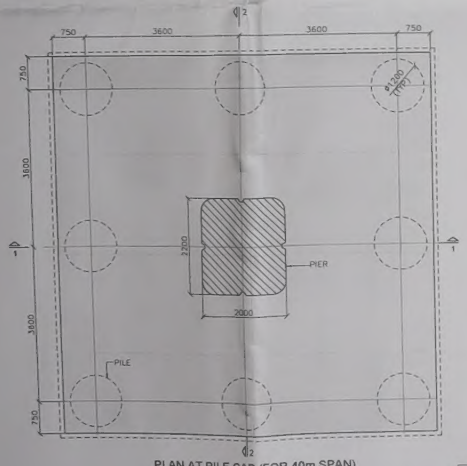


SECTION 1 -1
(SCALE 1:50)

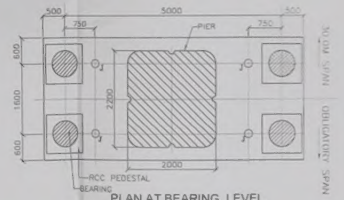


SECTION 2-2
(SCALE 1:50)

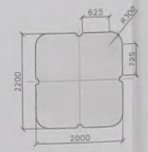
NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE
2. FOLLOW WRITTEN DIMENSIONS ONLY
3. GRADE OF CONCRETE – M35



PLAN AT PILE CAP (FOR 40m SPAN)
(SCALE 1:50)



PLAN AT BEARING LEVEL
(SCALE 1:50)



SECTION 3-3
(SCALE 1:50)

GROVE DETAIL

SECTION 4-4
(SCALE 1:50)

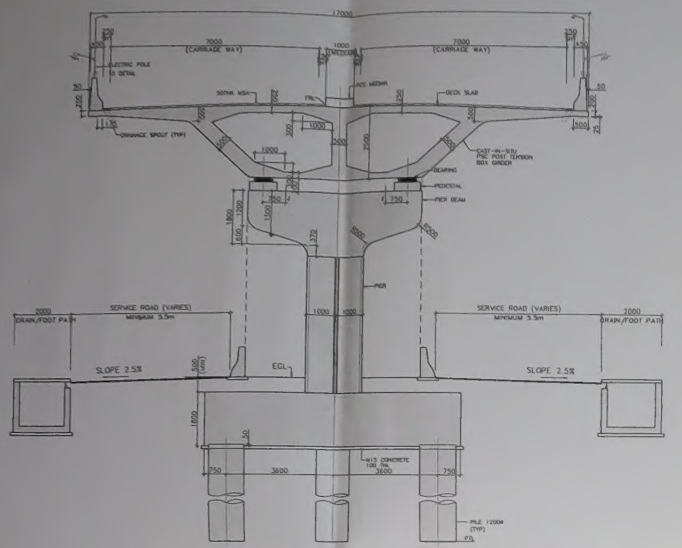
Assistant Executive Engineer
Project (Central - 5) | Sub-Division
Bruhath Bangaluru Mahanagara Palike
Bengaluru - 560 002

Executive Engineer
Project Central - 5
Bruhath Bangaluru Mahanagara Palike

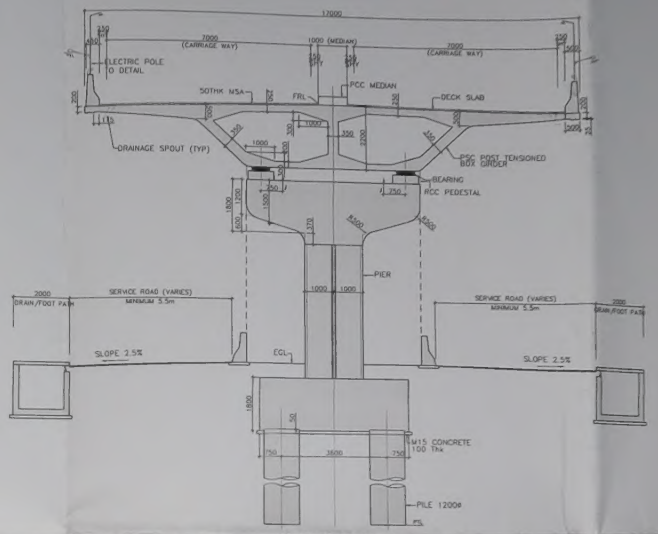
ಆದೇಶ ಅಧಿಕಾರಿಯವರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

PROJECT	CLIENT	CONSULTANT	TITLE	
CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE	BRUHAT BANGALORE MAHANAGARA PALIKE	NAGESH CONSULTANTS #2, 6 TH CROSS, ASHOKNAGAR, BSK I STAGE, BANGALORE - 560 050	40M SUB STRUCTURE CONCRETE DIMENSIONS	
			DRG NO: NC/BBMP/SJ/TYP-05	

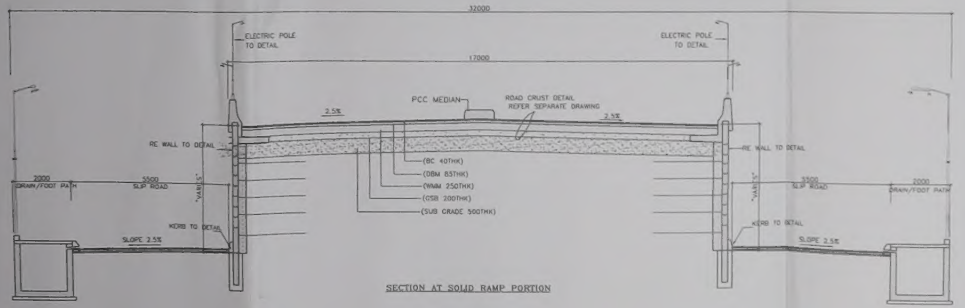
REV.	DATE	DESCRIPTION
	DATE :28.08.2020	SCALE : AS MENTIONED
	DRAWN BY : SJM	DESIGNED BY : AMUSH
	CHECKED BY : HSM	APPROVED BY : BVN



TYPICAL CROSS SECTION
OBLIGATORY SPAN-40M



TYPICAL CROSS SECTION
STANDARD SPAN-30M



SECTION AT SOLID RAMP PORTION

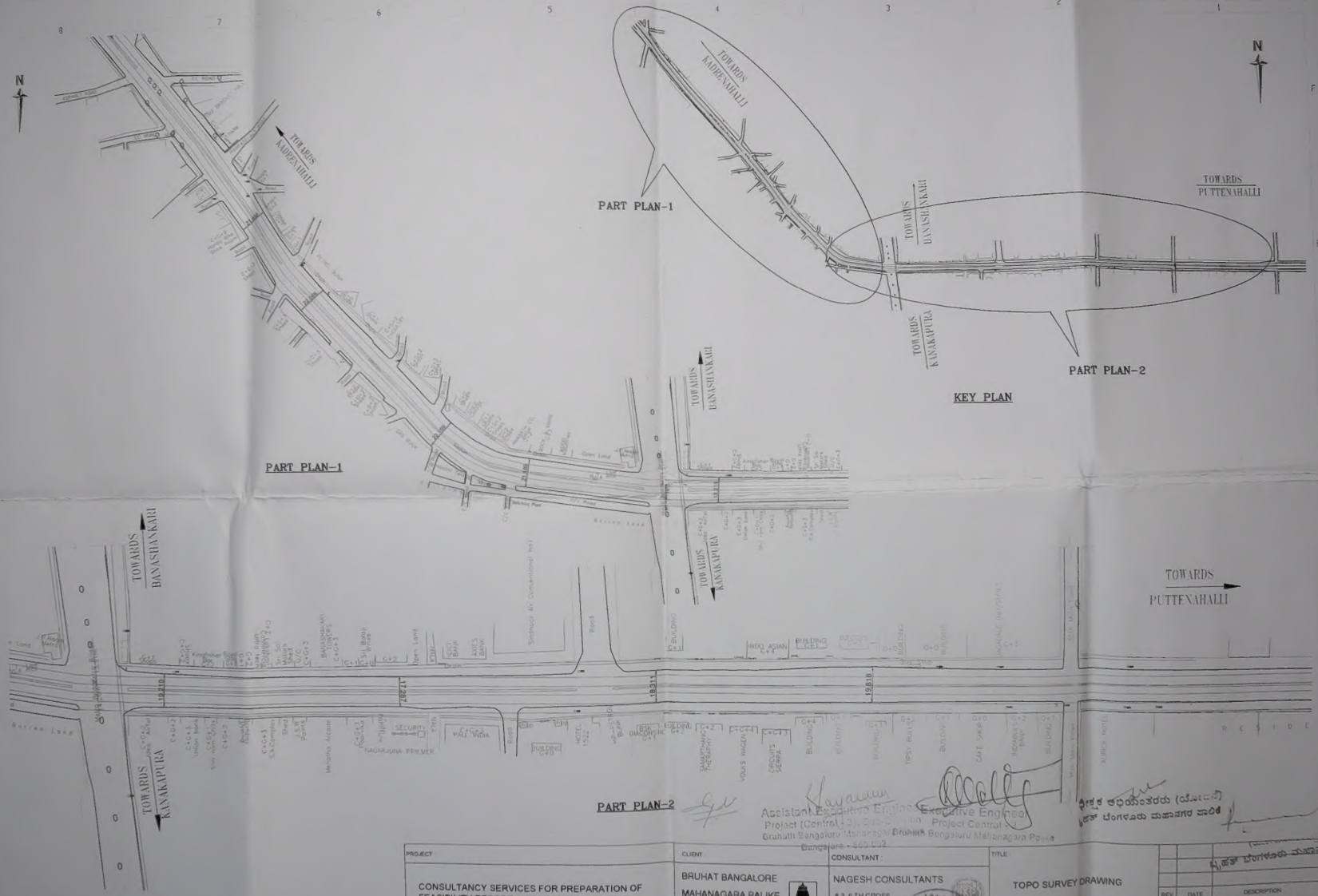
Executive Engineer
Project Director
Bruhath Bengaluru Mahanagara Palike
Bangalore - 560 002

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

PROJECT	CLIENT	CONSULTANT	TITLE
CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE	BRUHAT BANGALORE MAHANAGARA PALIKE	NAGESH CONSULTANTS # 2, 6 TH CROSS, ASHOKNAGAR, BSK 1STAGE, BANGALORE - 560 050	TYPICAL CROSS SECTION

ORG NO: NC/BBMP/SJ/TYP-01

REV	DATE	DESCRIPTION
DATE :28.08.2020		SCALE: AS MENTIONED
DRAWN BY : SHARADA		DESIGNED BY : ANUSH
CHECKED BY : NSM		APPROVED BY : BVN



Assistant Executive Engineer
Project (Central)
Bruhath Bengaluru Mahanagara Palike
Bangalore - 560 002

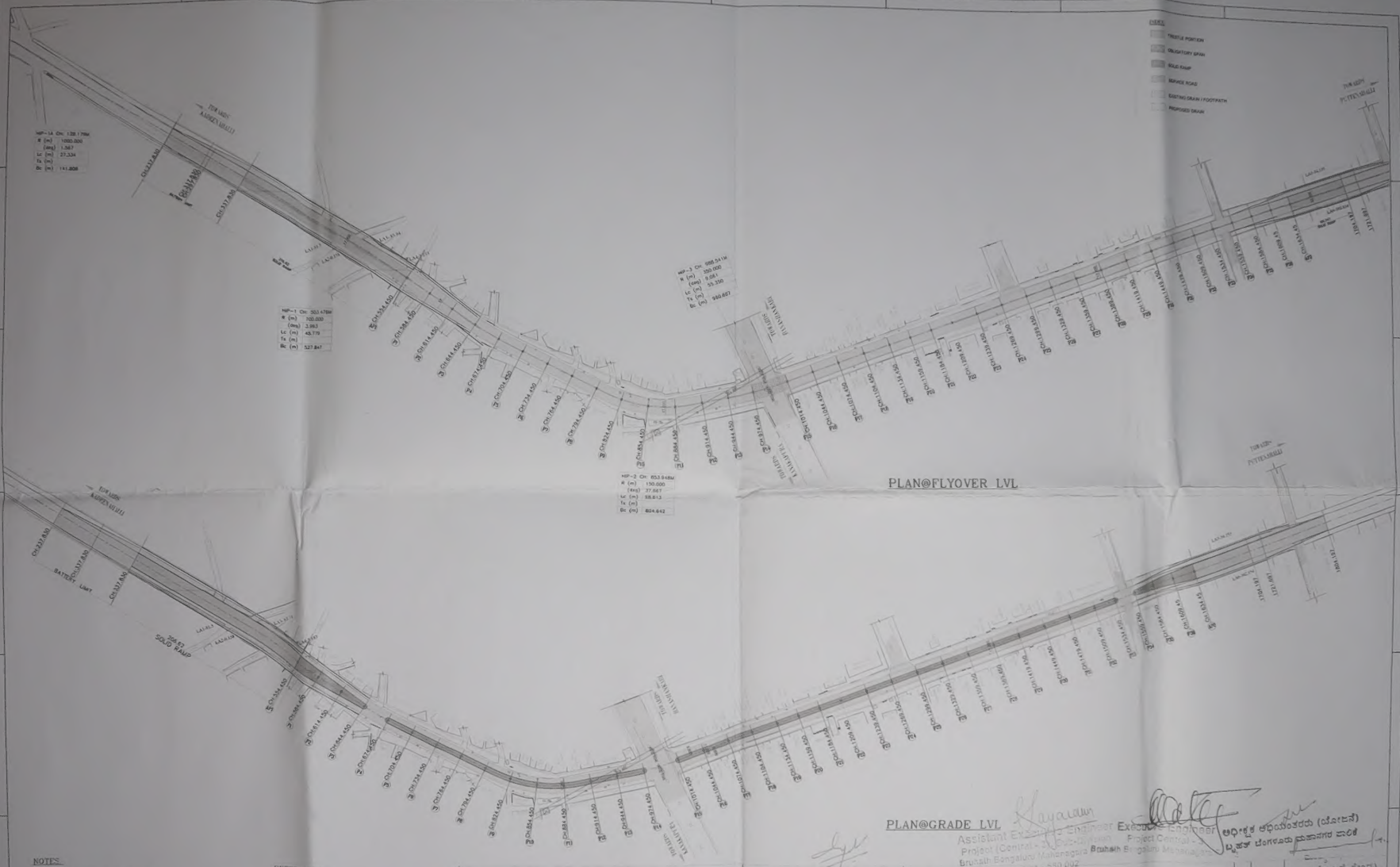
Executive Engineer
Project Central
Bruhath Bengaluru Mahanagara Palike

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

PROJECT	CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE
CLIENT	BRUHAT BANGALORE MAHANAGARA PALIKE
CONSULTANT	NAGESH CONSULTANTS # 2, 6 TH CROSS, ASHOKNAGAR, BSK I STAGE, BANGALORE - 560 050
TITLE	TOPO SURVEY DRAWING
DRG NO.	NC/BBMP/SJ/TS/01

REV	DATE	DESCRIPTION
DATE : 28.06.2020		SCALE : AS MENTIONED
DRAWN BY :		DESIGNED BY :
CHECKED BY : HSM		APPROVED BY : BVN



NOTES:

1. ALL CHAINAGES AND LEVELS ARE IN Mtrs
2. MINIMUM VERTICAL CLEARANCE 5.50m AT OBLIGATORY SPAN
3. GEOMETRICAL DESIGN CRITERIA AS PER IRC
4. SPEED CONSIDERED FOR GEOMETRIC DESIGN
   =40 Kmph AS PER IRC
5. GEOMETRIC DESIGN AS PER IRC-86.
6. FOR THE STRUCTURAL DETAILS OF ALL ELEMENTS REFER RELEVANT STRUCTURAL DRAWINGS
7. THE TWC IS AT THE TOP OF WEARING COAT AND AT THE EDGE OF MEDIAN
8. FOR DETAILS OF LAND ACQUISITION, TRAFFIC DIRECTION REFER SEPARATE DRAWING
9. FOR ELECTRICAL DETAILS REFFER SEPARATE DRAWING
10. FOR SIDE DRAIN ROAD CRUST DETAILS REFFER SEPARATE DRAWING
11. FOR TYPICAL CROSS SECTION REFFERE SEPARATE DRAWING

REFERENCES :-

1. ALL DOCUMENTS OF NT
2. IRC:86, IRC:112 FOR HORIZONTAL GEOMETRY.
3. (i) IRC:6-2017,
   (ii) IRC:112-2011,
   (iii) IRC:75-2014.

NOTATIONS :-

1. EGL = EXISTING GROUND LEVEL
2. CP = CENTRE POINT
3. FRL = FINISHED ROAD LEVEL
4. EXL = EXISTING ROAD LEVEL
5. ROW = RIGHT OF WAY

PROJECT :

CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE

CLIENT :

BRUHAT BANGALORE MAHANAGARA PALIKE

CONSULTANT :

NAGESH CONSULTANTS
2, 6 TH CROSS,
ASHOKNAGAR, BSK I STAGE,
BANGALORE - 560 050

TITLE :

GENERAL ARRANGEMENT DRAWING
@ GRADE LEVEL

DRG NO :

NC/BBMP/SJ/GAD-02

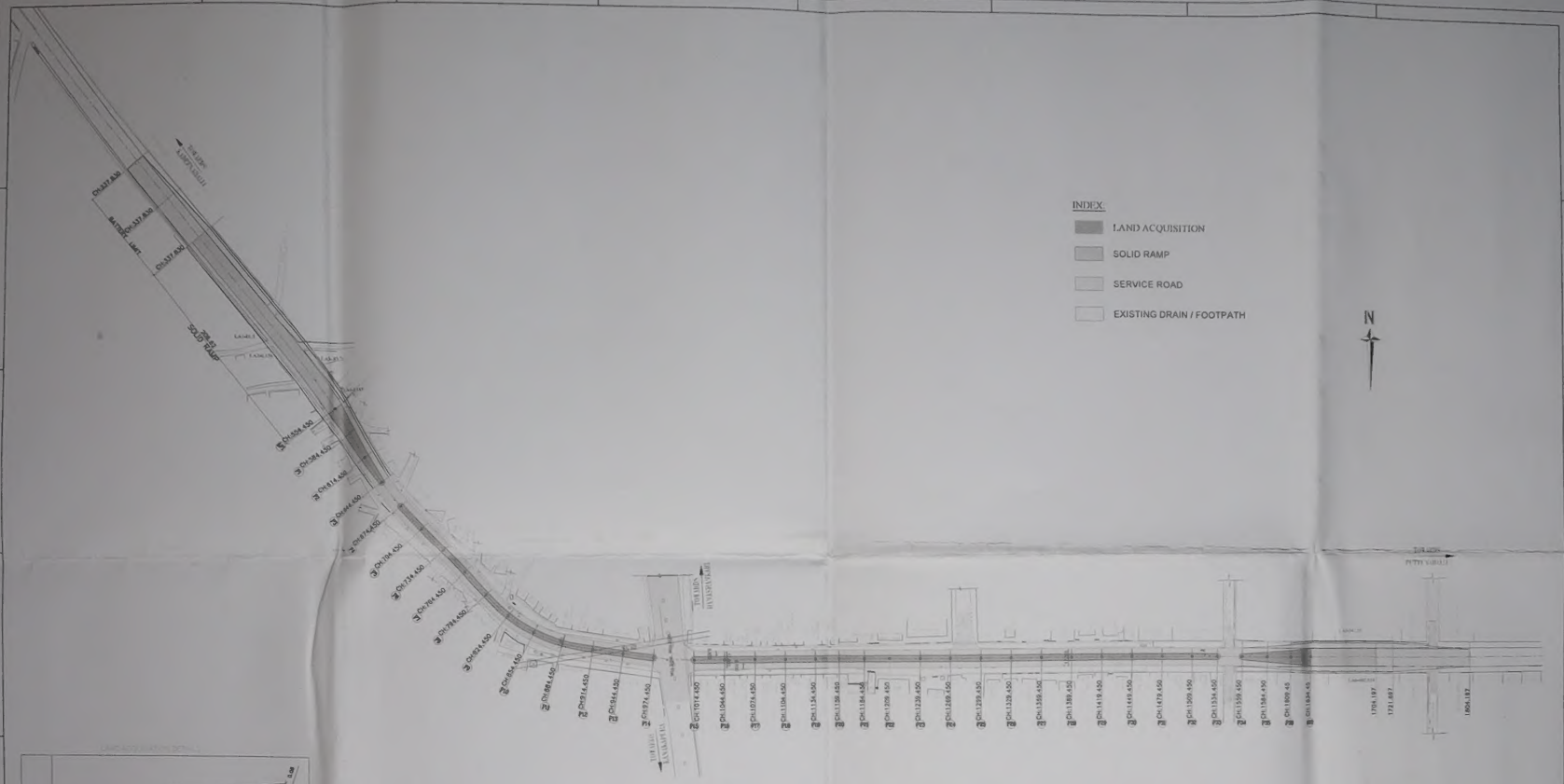
REV	DATE	DESCRIPTION
	DATE : 28.08.2020	SCALE : AS MENTIONED
	DRAWN BY : SHARADA	DESIGNED BY : SHYAM
	CHECKED BY : HSM	APPROVED BY : BVN

Assistant Executive Engineer
Project (Central - 2) Division
Bruhath Bangalore Mahanagara Palike
Bangalore - 560 002

Executive Engineer
Project Central
Bruhath Bangalore Mahanagara Palike

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

(ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ



PLAN

LAND ACQUISATION	AREA
LA1	81.5 m²
LA2	0.158 m²
LA3	83.74 m²
LA4	5.183m²
LA5	54.155m²
LA6	102.854m²
TOTAL	327.59m²

Assistant Executive Engineer
Project (Central - 1), Outer Ring Road
Bruhath Bengaluru Mahanagara Palike
Bengaluru - 560 002

Executive Engineer
Project Central - 1
Bruhath Bengaluru Mahanagara Palike

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

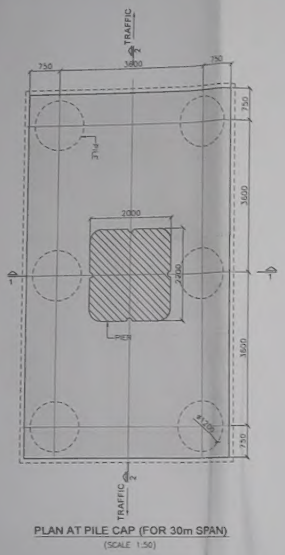
ಮುಖ್ಯ ಅಭಿಯಂತರರು
(ಯೋಜನೆ-ಕೇಂದ್ರ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

PROJECT	CLIENT	CONSULTANT :	TITLE
CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE	BRUHAT BANGALORE MAHANAGARA PALIKE	NAGESH CONSULTANTS # 2, 6 TH CROSS ASHOKNAGAR, BSK I STAGE, BANGALORE - 560 050	LAND ACQUISITON DETAILS

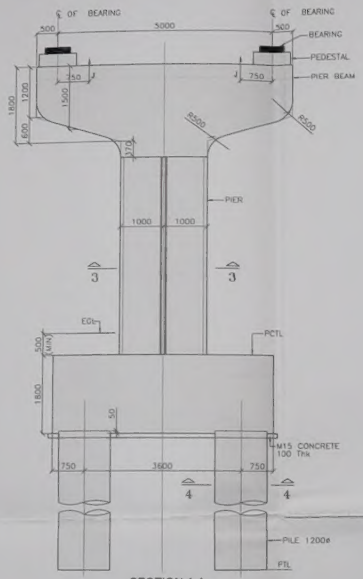
DRG NO: NC/BBMP/SJ/LA-01

REV	DATE	DESCRIPTION

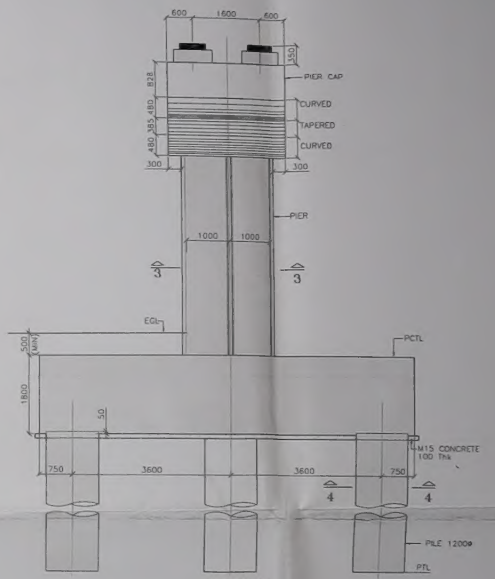
DATE : 28.08.2020 | SCALE : AS MENTIONED
DRAWN BY : SHARADA | DESIGNED BY : SHYAM
CHECKED BY : HSM | APPROVED BY : BVN



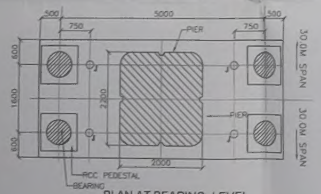
PLAN AT PILE CAP (FOR 30m SPAN)
(SCALE 1:50)



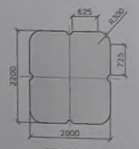
SECTION 1-1
(SCALE 1:50)



SECTION 2-2
(SCALE 1:50)



PLAN AT BEARING LEVEL
(SCALE 1:50)



SECTION 3-3
(SCALE 1:50)

GROVE DETAIL

SECTION 4-4
(SCALE 1:50)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE
2. FOLLOW WRITTEN DIMENSIONS ONLY
3. GRADE OF CONCRETE – M35

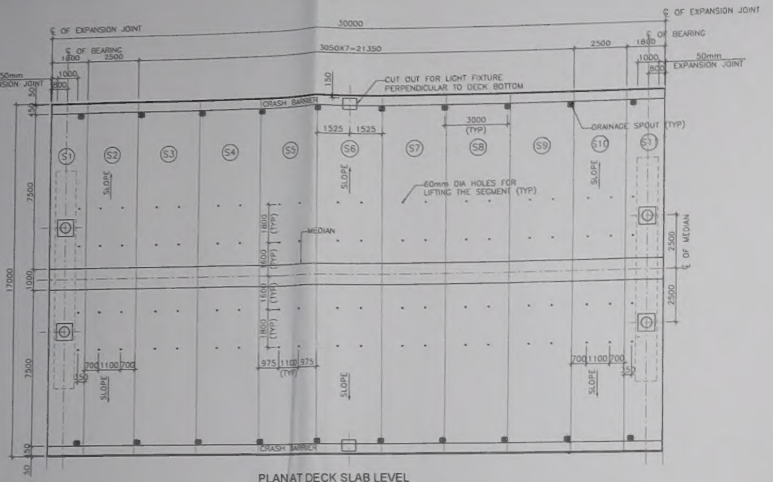
Assistant Executive Engineer
Project (Central) - 3), Sub-Div
Bruhath Bangaluru Mahanagara Palike
Bangalore - 560 002

Executive Engineer
Project Central - 3
Bruhath Bangaluru Mahanagara Palike

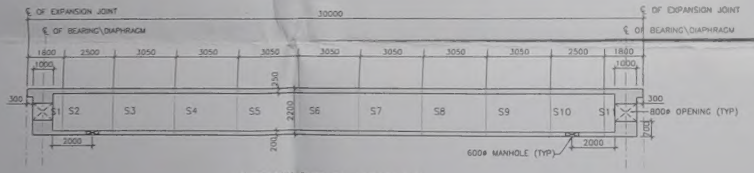
ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

PROJECT: CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE	CLIENT: BRUHAT BANGALORE MAHANAGARA PALIKE	CONSULTANT: NAGESH CONSULTANTS, # 2, 6 TH CROSS, ASHOKNAGAR, BSK(I) STAGE, BANGALORE - 560 050	TITLE: 30M SUB STRUCTURE DETAILS DRG NO: NC/BBMP/SJ/TYP-03

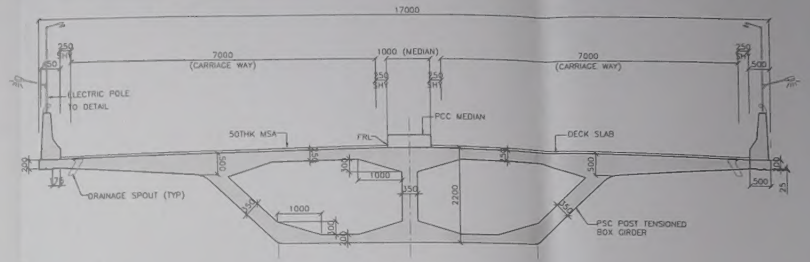
REV	DATE	DESCRIPTION
	DATE :28.09.2020	SCALE : AS MENTIONED
	DRAWN BY : SHARADA	DESIGNED BY : ANUSH
	CHECKED BY : HSM	APPROVED BY : BVN



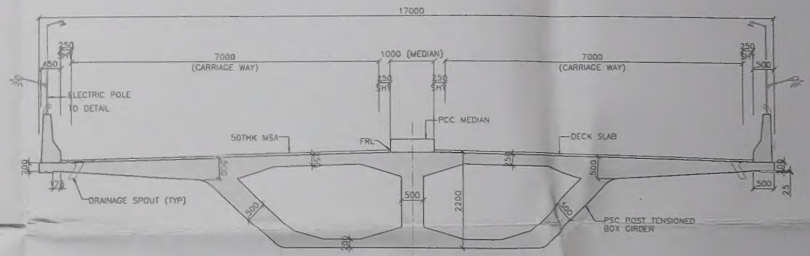
PLANAT DECK SLAB LEVEL
(SCALE 1:100)



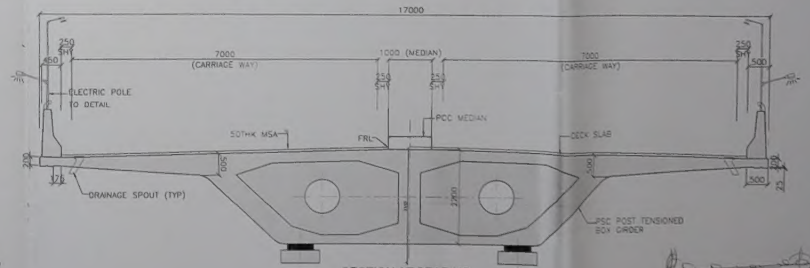
SECTIONAL ELEVATION AT MIDDLE
(SCALE 1:100)



RUNNING SECTION
(SCALE 1:50)
(AREA = 9.573 Sqmt)



END SECTION
(SCALE 1:50)
(AREA = 10.24 Sqmt)



SECTION AT BEARING
(SCALE 1:50)
(AREA = 19.03 Sqmt)

Assistant Executive Engineer
Project (Contract - 3), Sub-Division
Bruhath Bengaluru Mahanagara Palike
Bangalore - 560 002

Executive Engineer
Project Central - 3
Bruhath Bengaluru Mahanagara Palike

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

(ಯೋಜನೆ-೪೫-೨)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS SPECIFIED OTHERWISE
2. FOLLOW WRITTEN DIMENSIONS ONLY
3. GRADE OF CONCRETE - M50

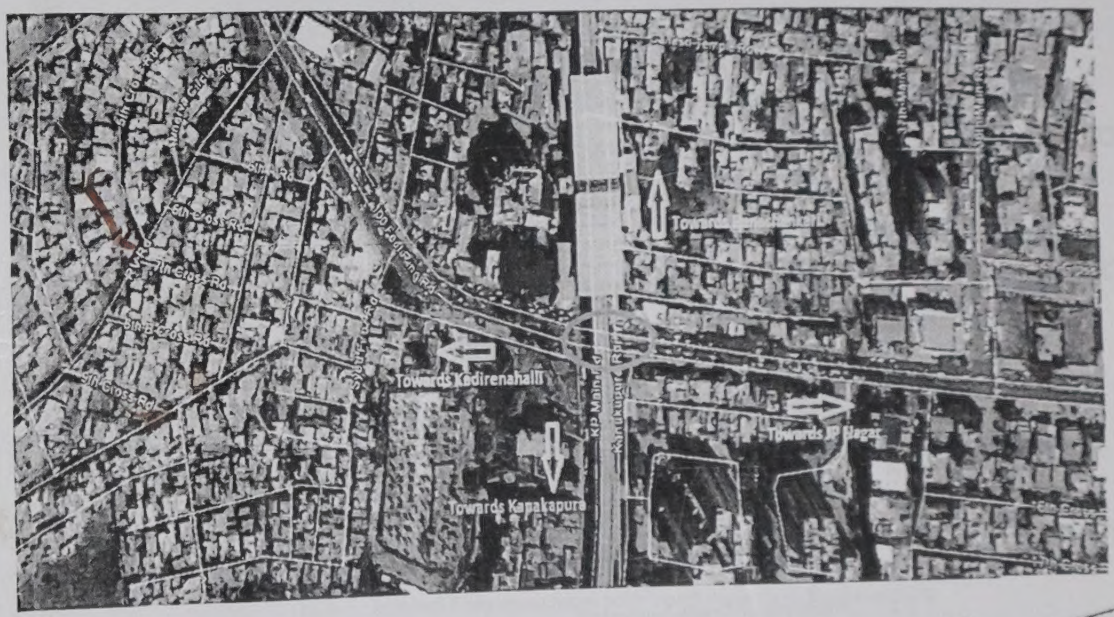
PROJECT	CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT(DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE
CLIENT	BRUHAT BANGALORE MAHANAGARA PALIKE
CONSULTANT	NAGESH CONSULTANTS # 2, 6 TH CROSS, ASHOKNAGAR, BSK I ST STAGE, BANGALORE - 560 050
TITLE	30M SUPER STRUCTURE DETAILS
DRG NO	NC/BBMP/SJ/TYP-02

REV	DATE	DESCRIPTION
DATE 26.08.2020		SCALE AS MENTIONED
DRAWN BY : SHARADA		DESIGNED BY : ANUSH
CHECKED BY : HSM		APPROVED BY : BVN

Bruhat Bengaluru Mahanagara Palike

BRUHAT BANGALORE MAHANAGARA PALIKE

CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY REPORT AND DETAILED PROJECT REPORT (DPR) FOR THE WORK OF PROPOSED CONSTRUCTION OF FLYOVER ALONG ORR AT THE JUNCTION OF KANAKAPURA ROAD AND SARAKKI JUNCTION, BANGALORE



DETAILED PROJECT REPORT

CONSULTANTS:

Assistant Executive Engineer
Project (Central - 3), Sub-Division
Bruhath Bengaluru Mahanagara Palike
Bangalore - 560 002

Consulting Structural Engineers Bangalore

No. 2, 6th Cross, Ashoknagar, BSK 1st Stage, 26617865 26617866 Bangalore-560 050

M/s. NAGESH CONSULTANTS
#2, 6th Cross, Ashoknagar
BSK 1st Stage, Bangalore 560 050
Ph: 080-26617865/66

ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ ಕೇಂದ್ರ-3)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಮುಖ್ಯ ಅಭಿಯಂತರರು (ಯೋಜನೆ-ಕೇಂದ್ರ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು (ಯೋಜನೆ)
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ